

Proposal Full View

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Applicant Information

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|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Organization Name | Tulare Irrigation District * |
| Tax ID | 870286747 |
| Proposal Name | Tulare Irrigation District CASGEM Information Update and Dedicated Monitoring Well Installation Project * |
| Proposal Objective | The Tulare Irrigation District (District) intends to apply for the Local Groundwater Assistance (LGA) Grant to further its ability to report required information to the California Statewide Groundwater Elevation Monitoring (CASGEM) system by installing dedicated monitoring wells throughout the District. The District intends to develop a Dedicated Monitoring Well Location Report that will determine a density of monitoring wells and identify 5 monitoring wells to be installed as a part of the LGA Grant application. Designs and specifications will be developed for each of the wells and utilized to acquire a monitoring well contractor. The well installation contractor will install 5 dedicated monitoring wells. These wells will be designed to target specific groundwater aquifers based on E-Log readings and take depth to groundwater readings above and below the E-Clay (Corcoran Clay) layer. During the installation the contractor shall take detailed notes as to the soil lithography and the specific depths of blank and screened casings. The information gathered will be utilized to update the current District CASGEM information and begin a process of monitoring a network of dedicated monitoring wells. As dedicated monitoring wells are installed, existing groundwater pumping wells that are currently utilized for depth to groundwater readings will be removed. This will deliver consistent and reliable depth to groundwater readings for the District and the Department of Water Resources. * |

Budget

| | |
|----------------------|----------------|
| Other Contribution | \$0.00 |
| Local Contribution | \$0.00 |
| Federal Contribution | \$0.00 |
| Inkind Contribution | \$60,145.00 |
| Amount Requested | \$250,000.00 * |
| Total Project Cost | \$310,145.00 * |

Geographic Information

| | |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Latitude * | DD(+/-) 36 MM 13 SS 13 |
| Longitude * | DD(+/-) 119 MM 25 SS 13 |
| Longitude/Latitude Clarification | <p>This location is the District Office and generally represents the center of the District</p> <p>Locations for monitoring wells have not been determined.</p> |
| County | Tulare * |
| Ground Water Basin | San Joaquin Valley-Tulare Lake |
| Hydrologic Region | Tulare Lake |
| Watershed | The District is in the South Valley Floor |

Legislative Information

| | |
|---------------------------|--------------------------|
| Assembly District | 34th Assembly District * |
| Senate District | 16th Senate District * |
| US Congressional District | District 21 (CA) * |

Project Information

| | | |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--|
| Project Name | Tulare Irrigation District CASGEM Information update | |
| Implementing Organization | TULARE IRRIGATION DISTRICT | |
| Secondary Implementing Organization | | |
| Proposed Start Date | 4/1/2013 | |
| Proposed End Date | 4/1/2015 | |
| Project Scope | Develop a dedicated monitoring well network, install 5 dedicated monitoring wells and update the District CASGEM information. | |

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Description | <p>The Tulare Irrigation District (District) intends to apply for the Local Groundwater Assistance (LGA) Grant Program to further its ability to report required information to the California Statewide Groundwater Elevation Monitoring (CASGEM) system by installing dedicated monitoring wells throughout the District. The District intends to develop a Dedicated Monitoring Well Location Report that will determine a density of monitoring wells, the potential locations of monitoring wells, and identify 5 monitoring wells to be installed as a part of the LGA Grant application. A standard set of designs and specifications will be developed for the installation of dedicated monitoring wells and also for use in acquiring a dedicated monitoring well contractor. The monitoring well installation contractor will install 5 dedicated monitoring wells. These wells will be designed to target specific groundwater aquifers based on E-Log readings and take depth to groundwater readings above and below the E-Clay (Corcoran Clay) layer. During the installation the contractor shall take detailed notes as to the soil lithography and the specific depths of blank and screened casings. The information gathered will be utilized to update the current District CASGEM information and begin a process of monitoring a network of dedicated monitoring wells. As dedicated monitoring wells are installed, existing groundwater pumping wells that are currently utilized for depth to groundwater readings will be removed. This will deliver consistent and reliable depth to groundwater readings for the District and the Department of Water Resources.</p> |
| Project Objective | <p>The objective of this project is to create a dedicated monitoring well network, install 5 dedicated monitoring wells and update the District CASGEM information.</p> |

Project Benefits Information

| Project Benefit Type | Benefit Type | Measurement | Description |
|----------------------|-------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|
| Primary | Groundwater Management-Monitoring wells installed | 0 | Ability to measure depth to groundwater from a dedicated monitoring well |
| Primary | Groundwater Management-Water level measurements taken | 0 | Reporting of depth to groundwater to the CASGEM system |
| Primary | Groundwater Management-Other | 0 | Groundwater depths will help understand direction of flow and management decisions for groundwater recharge |

Project Objective

Budget

| | |
|----------------------|--------|
| Other Contribution | 0 |
| Local Contribution | 0 |
| Federal Contribution | 0 |
| Inkind Contribution | 60145 |
| Amount Requested | 250000 |
| Total Project Cost | 310145 |

Geographic Information

Latitude DD(+/-) MM SS

Longitude DD(+/-) MM SS

Longitude/Latitude Clarification Location

County Tulare Ground Water Basin San Joaquin Valley-Tulare Lake Hydrologic Region Tulare Lake WaterShed

The District is in the South Valley Floor

Legislative Information

| | |
|---------------------------|------------------------|
| Assembly District | 34th Assembly District |
| Senate District | 16th Senate District |
| US Congressional District | District 21 (CA) |

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Tulare Irrigation District, 6826 Avenue 240, Tulare, California 93274

Q2. Proposal Description:

Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.

The Tulare Irrigation District (District) intends to apply for the Local Groundwater Assistance (LGA) Grant Program to further its ability to report required information to the California Statewide Groundwater Elevation Monitoring (CASGEM) system by installing dedicated monitoring wells throughout the District. The District intends to develop a Dedicated Monitoring Well Location Report that will determine a density of monitoring wells, the potential locations of monitoring wells, and identify 5 monitoring wells to be installed as a part of the LGA Grant application. A standard set of designs and specifications will be developed for the installation of dedicated monitoring wells and also for use in acquiring a dedicated monitoring well contractor. The monitoring well installation contractor will install 5 dedicated monitoring wells. These wells will be designed to target specific groundwater aquifers based on E-Log readings and take depth to groundwater readings above and below the E-Clay (Corcoran Clay) layer. During the installation the contractor shall take detailed notes as to the soil lithography and the specific depths of blank and screened casings. The information gathered will be utilized to update the current District CASGEM information and begin a process of monitoring a network of dedicated monitoring wells. As dedicated monitoring wells are installed, existing groundwater pumping wells that are currently utilized for depth to groundwater readings will be removed as directed in the District Groundwater Management Plan objectives. This will deliver consistent and reliable depth to groundwater readings for the District and the Department of Water Resources.

Q3. Project Director:

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

J. Paul Hendrix, General manager, 6826 Avenue 240, Tulare, California 93274, Phone: (559) 686-3425, email: jph@tulareid.org

Q4. Project Manager:

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Aaron Fukuda, 6826 Avenue 240, Tulare, California 93274, Phone: (559) 686-3425, email: akf@tulareid.org

Q5. Additional Information:

Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:

http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm

- 1) ☐ Northern Region
- 2) ☐ North Central Region
- 3) ☒ South Central Region
- 4) ☐ Southern Region

Q6. Additional Information:

Provide the Date of GWMP Adoption, if any, and list the pursuant Water Code Section or other legal Authority in which it was adopted.

The Tulare Irrigation District Groundwater Management Plan was adopted in October 2010 under CWC Sections 10753 and 10795.

Q7. Additional Information:

Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).

The District currently has a MOU with Kaweah Delta Water Conservation District to coordinate groundwater management activities given that the Tulare Irrigation District (District) is the only local agency that imports surface water supplies for groundwater recharge. The District also has a groundwater recharge agreement with the City of Tulare whereby the District provides groundwater recharge to basins surrounding the City of Tulare. The District is also working on an agreement with the City of Visalia to exchange tertiary treated wastewater for surface water recharge upstream of the City of Visalia.

Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no "Other Contributions" Please answer this question with, "No Other Contributions".

No Other Contributions

Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

There are not urban water suppliers that will receive funding from this project.

Q10. Eligibility:

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

N/A

Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1_LGA12_TulareID_AuthDoc_1of1.pdf

Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2_LGA12_TulareID_EligDoc_1of2.docx,Att2_LGA12_TulareID_Minutes_2of2.pdf

Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3_LGA12_TulareID_GWMP_1of3.docx,Att3_LGA12_TulareID_TID
GWMP_2of3.pdf,Att3_LGA12_TulareID_Resolution_3of3.pdf

Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4_LGA12_TulareID_ProjD_1of3.docx,Att4_LGA12_TulareID_CASGEM Well Loc
Map_2of3.pdf,Att4_LGA12_TulareID_Sample Newsletter_3of3.pdf

Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5_LGA12_TulareID_WrkPln_1of1.docx

Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6_LGA12_TulareID_BUDGET_1of2.pdf,Att6_LGA12_TulareID_BUDGET Narrative_2of2.docx

Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7_LGA12_TulareID_SCHED_1of2.docx,Att7_LGA12_TulareID_Proj Schedule_2of2.pdf

Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8_LGA12_TulareID_QA_1of1.docx

Attachment 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9_LGA12_TulareID_PERFORM_1of1.docx

Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".
